

ABSTRACT

A cooling tunnel (1) includes a driven conveyor belt (4) being designed and arranged to support articles of candy (6) and to convey them through the cooling tunnel (1) in a moving direction (5). A treating region (11) for articles of candy (6) is surrounded by an insulating plate (9) and by a cover (10). An upper cooling unit (13) is arranged in a region above the conveyor belt (4). The upper cooling unit (13) includes a channel being designed and arranged for cooling air to flow therethrough. A bottom cooling unit (12) is arranged in a region below the conveyor belt (4). The bottom cooling unit (12) includes a cooling plate (14) being designed and arranged for cooling liquid to flow therethrough. The cooling plate (14) in the treating region (11) is designed and arranged to be spaced apart from the insulating plate (9) in a vertical direction. A free space (16) is formed between the cooling plate (14) and the insulating plate (9).

PRINTED IN U.S.A.